

Converting Colors

Hex(BD27A7)

Have a look what the booklet for
Hex(BD27A7) contains.

Hex(BD27A7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BD27A7)

Conversions

Conversions Part 1

Format	Color
Hex	BD27A7
RGB	189, 39, 167
RGB Percent	74%, 15%, 65%
CMY	0.2588, 0.8471, 0.3451
CMYK	0.00, 0.79, 0.12, 0.26
HSL	309°, 66%, 45%
HSV	309°, 79%, 74%
XYZ	28.6868, 15.0599, 37.9541
YIQ	98.4420, 48.3120, 71.6080

Conversions

Conversions Part 2

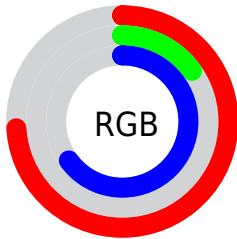
Format	Color
R_{YB}	189, 39, 167
Decimal	12396455
CIE _{Lab}	45.72, 69.37, -34.35
CIE _{LCh}	46, 77.411, 333.659
Yxy	15.0599, 0.3511, 0.1843
Android (android.graphics.Color)	4290586535 (0xFFBD27A7)
YUV	98.4420, 33.7991, 79.4194
Hunter-Lab	38.8071, 64.0379, -30.8219

Details

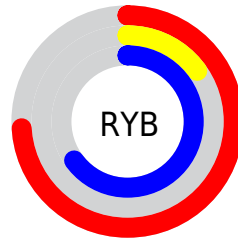
The Hex color **BD27A7** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **27BD3D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **F966DF**, and **830072** is the 20% darker color. If you saturate the color by 10%, you get **BD14A4**, and if you desaturate by 10%, it is **BD3AAA**.

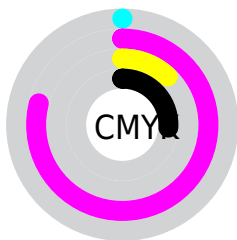
Distribution



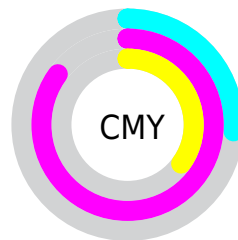
- Red (74%)
- Green (15%)
- Blue (65%)



- Red (74%)
- Yellow (15%)
- Blue (65%)



- Cyan (0%)
- Magenta (79%)
- Yellow (12%)
- Black (26%)



- Cyan (26%)
- Magenta (85%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD27A7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color BD27A7 by changing the saturation by 10% instead.

 BD27A7

 BD27A7

FFFFFF

 A0008C

 F966DF

 830072

 FF83FB

 670059

 FFA0FF

 4C0042

 FFBDFE

 32002B

 FFDBFF

 090015

 FFF8FF

 000000

 BD27A7

 BD27A7

 BD14A4

 BD3AAA

 BD01A1

 BD4DAD

 BD00A1

 BD60AF

 BD73B2

 BD86B5

 BD98B8

 BDABBA

 BDBEBD

 BDD1C0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6E56DA



BD27A7



D90067

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BD27A7



7D6C00



0087B3

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



BD27A7



27BD3D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008773



BD27A7



367C00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BD27A7



B05100



00832D



0082E1

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BD27A7



D70A3D



00832D



00879F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



BD27A7



F5BAEC



3B27BD



7A5775



FAFAFA



7A7A7A

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



BD27A7



F50CD3



BD275E



5E555D



9E0087



1F001A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



BD27A7



F50CD3



27BD86



5E555D



9E0087



1F001A

Previews

White Background



This preview shows how the Hex color BD27A7 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

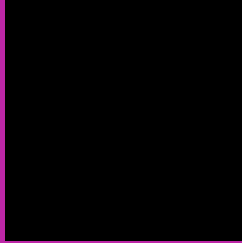
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BD27A7 Background



This preview shows how black text looks on a background with the Hex color BD27A7.




This preview shows how white text looks on a background with the Hex color BD27A7.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

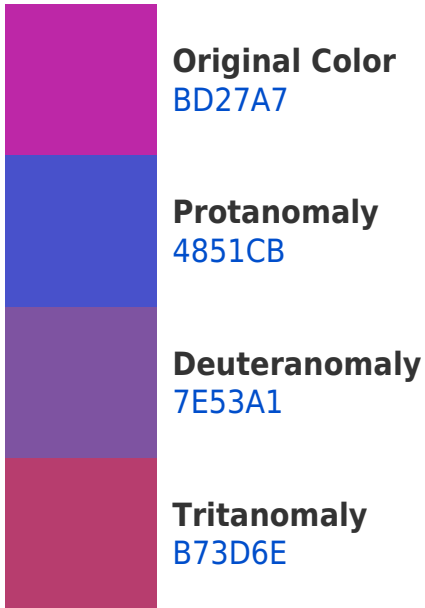
Dichromacy



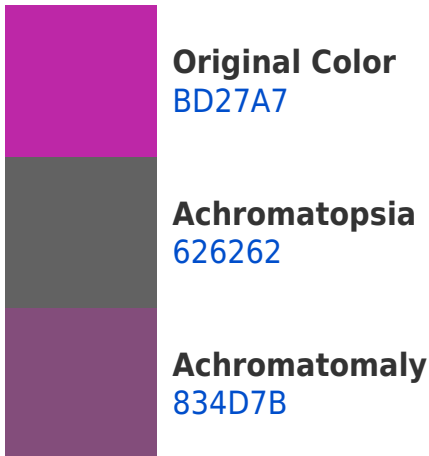


Tritanopia
B4494E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD27A7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BD27A7 looks like.

```
.text, #text, p{  
    color:#BD27A7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BD27A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD27A7
}
```

Border

The CSS property to change the border of an element to Hex BD27A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD27A7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BD27A7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BD27A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD27A7; -webkit-box-shadow:4px 4px  
4px 4px #BD27A7; box-shadow:4px 4px 4px  
4px #BD27A7 }
```

Background

The CSS property to change the background color of an element to Hex BD27A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD27A7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BD27A7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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